THE McEDWARDS GROUP
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January 11, 2006
Job No. 1078.01.02

Mr. Craig Hunt
Water Resources Control Engineer
California Regional Water Quality Control Board
North Coast Region
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

Groundwater Monitoring Results
November and December 2005
7746 North Highway One
Little River, California

Dear Mr. Hunt:
This letter presents results of free product sampling from well MW-2 and quarterly monitoring results for December 2005.

On November 10th ,½ foot thickness of free product gasoline was measured in well MW-2. On November 15th we met with you regarding the presence of free product and you directed that samples of free product from MW-2 and from the two gasoline dispensers at Little River Market be taken for chemical comparison. On November 21st, free product samples were taken from well MW-2 and from the Superunleaded and Unleaded Plus dispensers at the Market. The three samples were sent to McCampbell Analytical for fuel fingerprint analysis. McCampbell Analytical reported that for all three samples "This sample has a significant hydrocarbon pattern between C6 and C12 that resembles fresh gasoline. Chromatogram enclosed." Relevant portions of the laboratory report are attached and include the aforementioned chromatograms. Also provided in the laboratory report is a copy of the MW-2 chromatogram overlain by the Superunleaded chromatogram and a copy of the MW-2 chromatogram overlain by the Unleaded Plus chromatogram.

On December 19, 2005, groundwater levels were measured and water samples were taken in wells MW-1, MW-2, MW-3, and MW-4 and water samples were also taken from the creek south of the Market building and from the creek outfall westward at the beach. The wells were opened the day before to allow water levels to equilibrate to atmospheric pressure. Each well was purged of standing water until successive measurements of indicator parameters pH, conductivity, oxygen reduction potential, dissolved oxygen, and temperature differed by less than 5% or until the well dewatered, whichever came first. Following purging, each well was let stand for at least two hours and then sampled using a disposable bailer. The well purging and sampling record is attached.

Contoured water level elevations for December 19, 2005 are shown on Plate 1. Hydrographs of the water level elevations in the four wells are shown on Plate 2. Water level depths and elevations are shown in Table 1. Water level elevations are relative to an assumed top of casing elevation of 100.00 at well MW-1. Casing and water level elevations will be modified to reflect the actual casing elevation at well MW-1 after it is determined by survey from a known monument.

Water samples were analyzed for Total Petroleum Hydrocarbons (TPH) as Diesel; TPH as Motor Oil, TPH as Gasoline; Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX); fuel oxygenates Di-isopropyl Ether (DIPE), Ethyl tert-Butyl Ether (ETBE), Methyl tert-Butyl Ether (MTBE), tert-Amyl Methyl Ether (TAME), and tert-Butanol (TB); and lead scavengers 1,2-Dichoromethane (EDB) and 1,2-Dichloroethane (1,2-DCA). Concentrations of TPH as Gasoline for December 2005 are contoured on Plate 3. Analytical results are tabulated in Table 2.

CONCLUSIONS AND RECOMMENDATIONS

It appears that the Superunleaded chromatogram matches the MW-2 chromatogram better than the Unleaded Plus chromatogram. This indicate that the free product in well MW-2 probably originates from the tank and/or pipelines supplying gasoline to the Superunleaded dispenser.

Plate 1 shows remarkably uniform groundwater flow to the southwest, toward the creek bordering the site on the south.

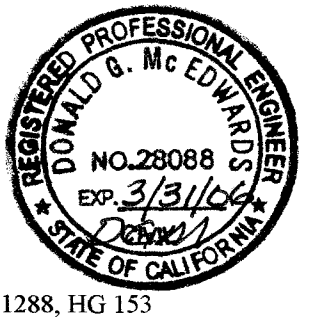
Plate 2 shows the water level in well MW-2 rose about four feet since September 8th, on which date ½" of free product was found in the well. However, on December 19th, after the water level rose about 4 feet, no free product was found in well MW-2. Based on a groundwater depth of about 17 feet measured in well MW-2 in September, we conclude that strata conveying free product is more that 17 feet below ground surface in the area of well MW-2.

Plate 3 shows gasoline contaminant levels in the four monitoring wells decrease logarithmically to the north. This contaminant distribution is consistent with a linear source of free product oriented east-west and through the area of well MW-2. No contamination was found in the Creek and Creek Outfall samples.

We recommend that the tank owner/operator check the integrity of the tanks and pipe lines, and if test results are inconclusive, that a work plan to investigate the origin and extent of free product be prepared.

We trust this is the information you require.

Very Truly Yours,
THE McEDWARDS GROUP



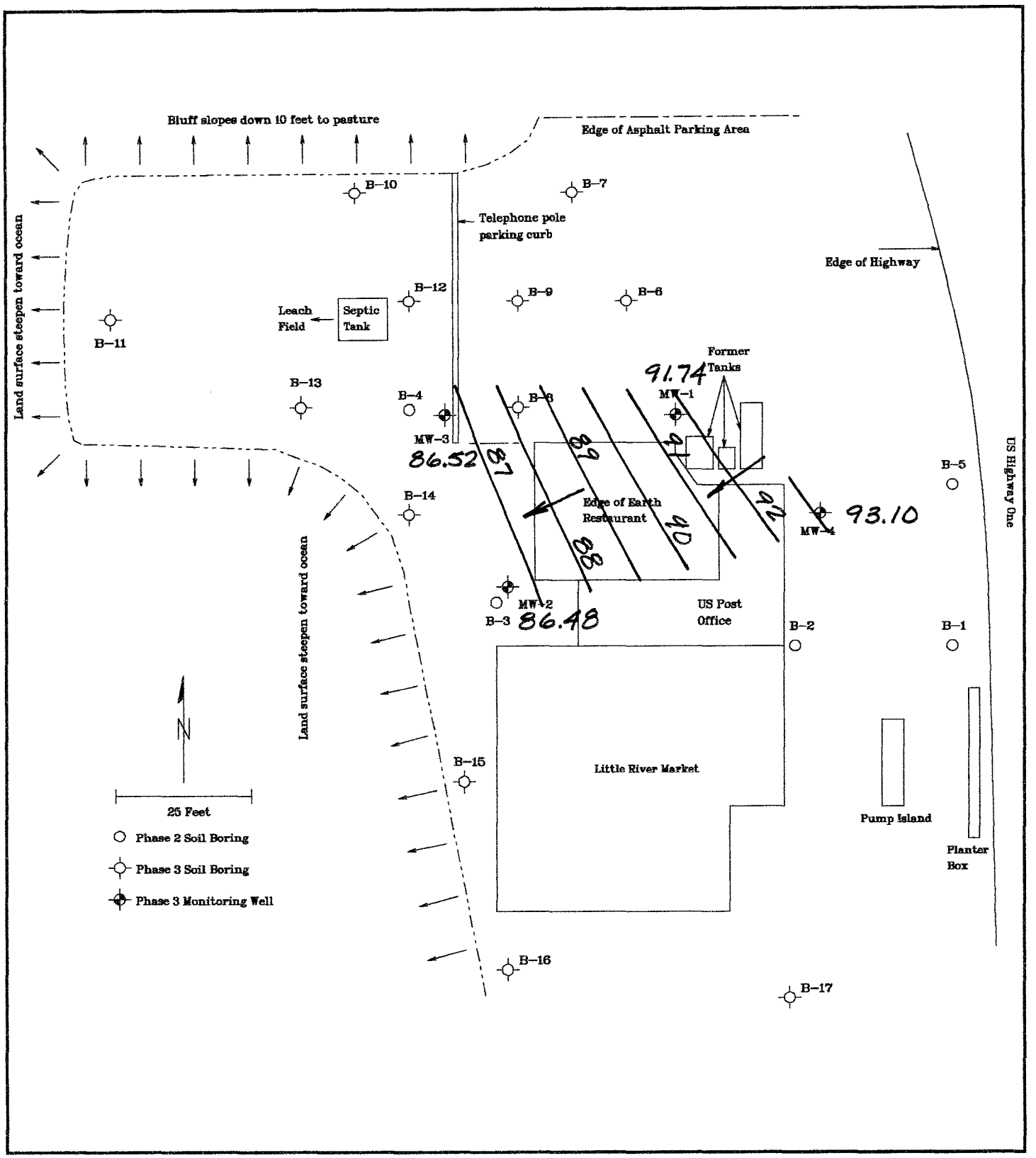
Donald G. McEdwards, PhD, CE 28088, EG 1288, HG 153
Principal Hydrogeologist

Attachments:
- Water Level Elevation - 12/19/05, Plate 1
- Hydrographs of MW-1 through MW-4, Plate 2
- TPH as Gasoline - 12/19/05, Plate 3
- Table 1 - Water Level Depths and Elevations for Wells at 7746 North Highway One, Little River, California
- Table 2 - Analytical Results of Water Samples from Monitoring Wells at 7746 North Highway One, Little River, California
- Analytical Laboratory Reports and Chain-of-Custody forms
- Well Purging and Sampling Record

cc: Mr. Eric Van Dyke
P.O. Box 341
Little River, CA 95456

Mr. Bruce Van Dyke
3493 Meadowlands Lane
San Jose, CA 95135

Mr. Carl Van Dyke
P.O. Box 490
Monte Rio, CA 95462



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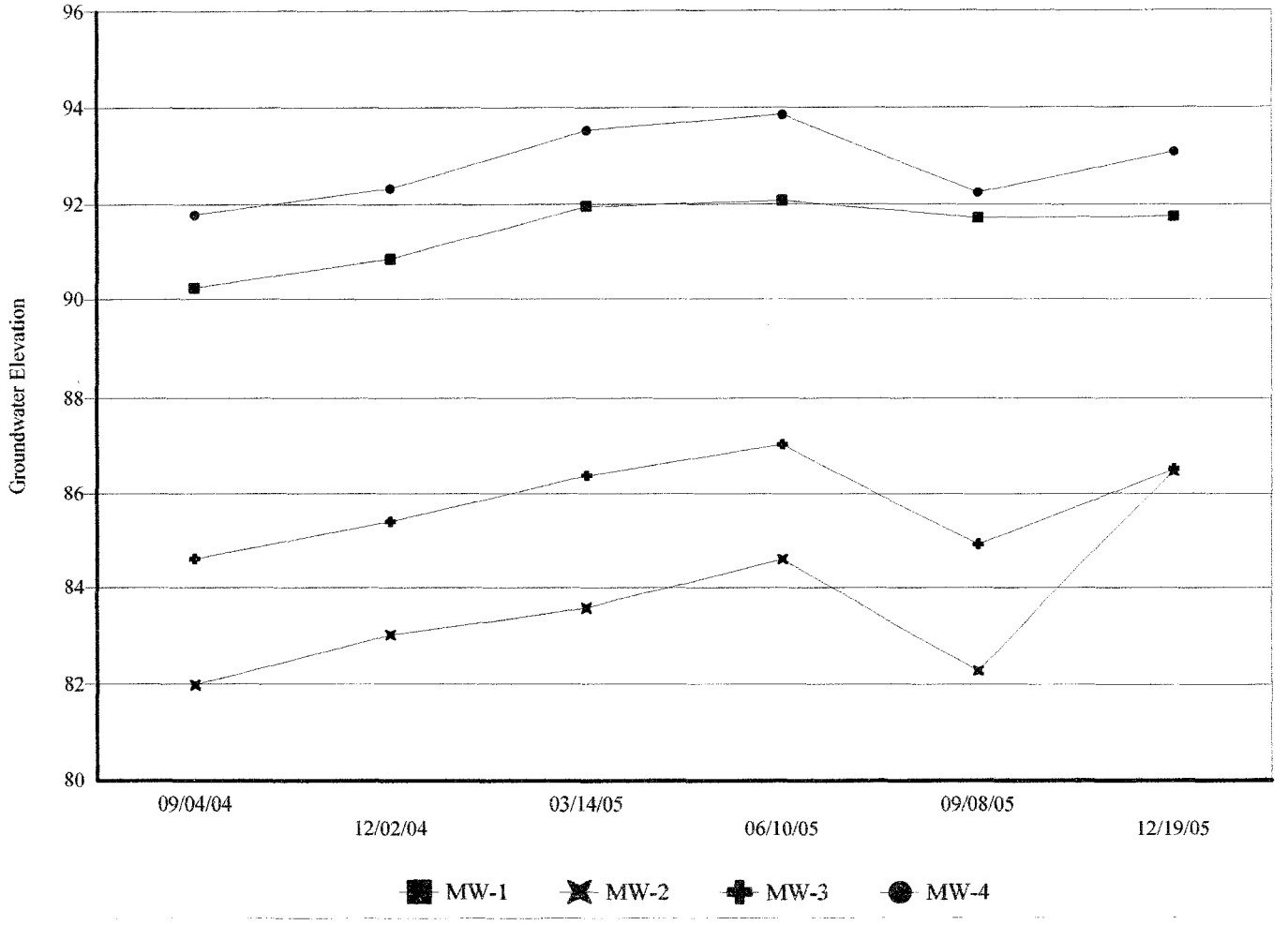
Water Level Contours – 12/19/05
7746 North Highway One
Little River, California

PLATE
1

Job Number: 1078.01.02

QTR.P1



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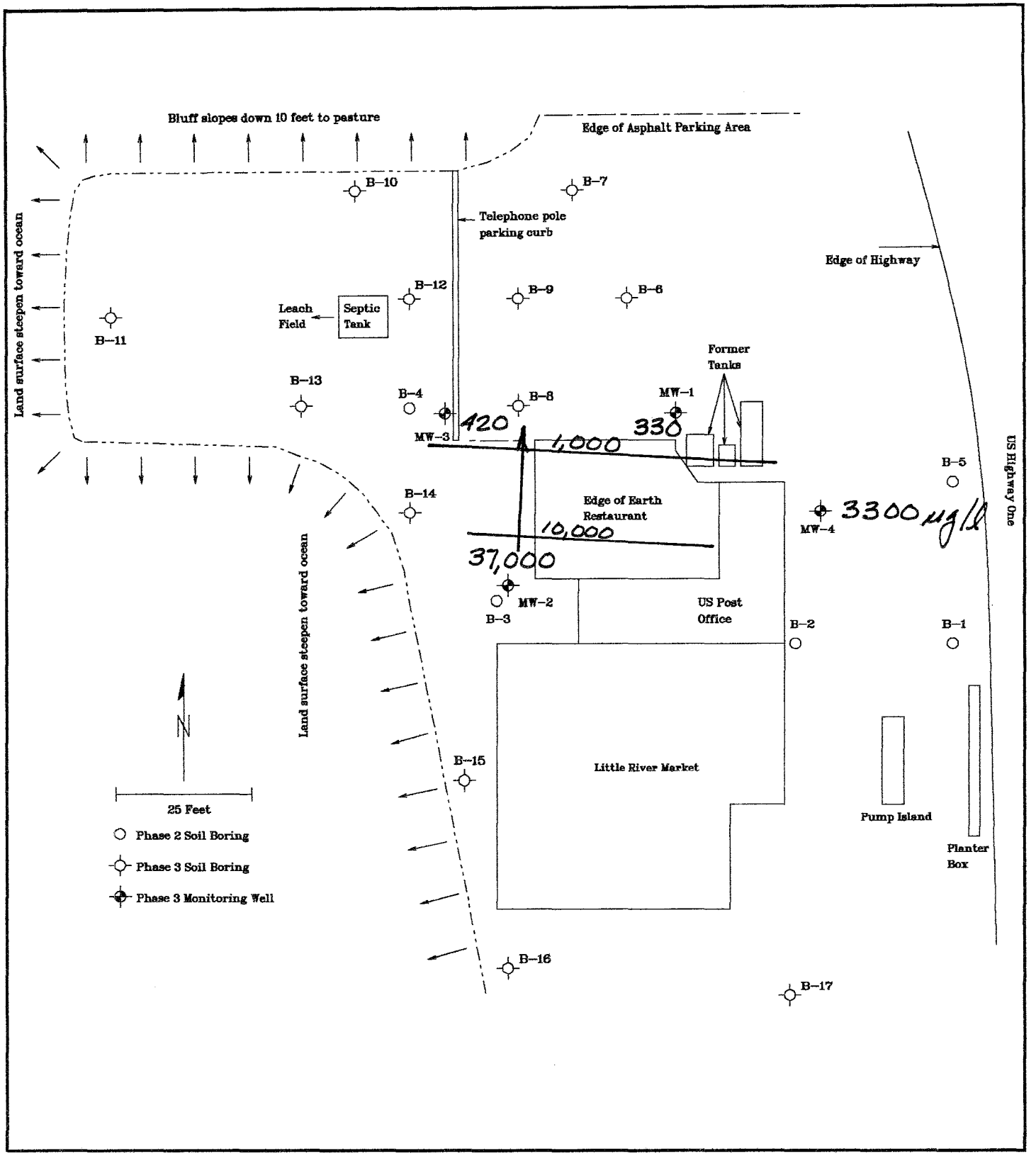
Hydrographs of MW-1 through MW-4
7746 North Highway One
Little River, California

PLATE
2

Job Number: 1078.01.02

QTR.P2



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TPH as Gasoline – 12/19/05
7746 North Highway One
Little River, California

PLATE
3

Job Number: 1078.01.02

QTR.P3

Table 1 - Water Level Depths and Elevations for Wells at7746 North Highway One, Little River, California

	TOC Elevation	*Depth*	*Elevation 09/04/04*	*Depth*	*Elevation 12/02/04*	*Depth*	*Elevation 03/14/05*	*Depth*	*Elevation 06/10/05*	*Depth*	*Elevation 09/08/05*	*Depth*	*Elevation 12/19/05*
MW-1	100.00	9.76	90.24	9.16	90.84	8.05	91.95	7.92	92.08	9.29	90.71	8.26	91.74
MW-2	99.27	17.29	81.98	16.22	83.05	15.68	83.59	14.70	84.57	16.97	82.30	12.79	86.48
MW-3	98.88	14.30	84.58	13.49	85.39	12.50	86.38	11.85	87.03	13.98	84.90	12.36	86.52
MW-4	100.74	8.96	91.78	8.41	92.33	7.20	93.54	6.89	93.85	8.49	92.25	7.64	93.10

Table 2 - Analytical Results of Water Samples from Monitoring Wells at 7746 North Highway One, Little River, California

		LAB NOTES	*TPH as DIESEL*	*TPH as MOTOR OIL*	*TPH as GASOLINE*	*BENZENE*	*TOLUENE*	*ETHLY-BENZENE*	*XYLENES*	*DIPE*	*ETBE*	*MTBE*	*TAME*	*TB*	*EDB*	*1,2-DCA*
			ug/l							*ug/l*						
MW-1	*09/04/04*	1,2	**70**	<250	**190**	**40**	**6.4**	**2.2**	**11**	<0.5	<0.5	**14**	<0.5	<5.0	<0.5	**1.9**
	12/02/04	1,2	**68**	<250	**300**	**92**	**11**	**6.9**	**5.4**	<0.5	<0.5	**13**	<0.5	<5.0	<0.5	**3.5**
	03/14/05	1,2,4	**88**	<250	**330**	**98**	**15**	**11**	**10**	<0.5	<0.5	**14**	<0.5	**19**	<0.5	**4.7**
	06/10/05	1,2,4	**73**	<250	**240**	**71**	**15**	**7.2**	**11**	<0.5	<0.5	**10**	<0.5	**7.4**	<0.5	**2.7**
	09/08/05	1,2,4	**71**	<250	**270**	**84**	**9.2**	**8.2**	**5.9**	<0.5	<0.5	**8.9**	<0.5	**6.4**	<0.5	**2.7**
	12/19/05	1,2	**57**	<250	**330**	**88**	**9.4**	**7.5**	**10**	<0.5	<0.5	**5.5**	<0.5	**10**	<0.5	**4.2**
MW-2	*09/04/04*	1,2	**360**	<250	**21,000**	**1300**	**800**	**1100**	**2400**	<5.0	<5.0	**20**	<5.0	**110**	<5.0	**79**
	12/02/04	1,2	**4000**	<250	**35,000**	**2400**	**2000**	**1700**	**4700**	<5.0	<5.0	**21**	<5.0	<50	<5.0	**90**
	03/14/05	1,2	**5100**	<250	**35,000**	**1700**	**1500**	**1300**	**3600**	<5.0	<5.0	**22**	<5.0	**160**	<5.0	**88**
	06/10/05	1,2	**4300**	<250	**36,000**	**2000**	**1500**	**1500**	**3900**	<5.0	<5.0	**13**	<5.0	**170**	<5.0	**87**
	09/08/05					------- Not sampled - ½" Free Product ------										
	12/19/05	1,2	**5400**	<250	**37,000**	**1200**	**1500**	**1500**	**4300**	<5.0	<5.0	<5.0	<5.0	**70**	<5.0	**33**
MW-3	*09/04/04*	2	<50	<250	**50**	**0.98**	<0.5	**1.2**	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	**12**
	12/02/04	2	**82**	<250	**260**	**4.7**	**1.1**	**9.6**	**2.3**	<0.5	<0.5	**0.80**	<0.5	**6.2**	<0.5	**34**
	03/14/05	2	**110**	<250	**230**	**3.7**	**0.77**	**7.9**	**2.6**	<0.5	<0.5	**0.55**	<0.5	**6.3**	<0.5	**21**
	06/10/05	1,2	**150**	<250	**450**	**6.0**	**1.8**	**22**	**4.0**	<0.5	<0.5	**0.74**	<0.5	**6.4**	<0.5	**25**
	09/08/05	1,2	**120**	<250	**460**	**7.0**	**1.7**	**21**	**4.0**	<0.5	<0.5	**0.52**	<0.5	**5.1**	<0.5	**24**
	12/19/05	1,2	**110**	<250	**420**	**5.6**	**2.0**	**16**	**3.0**	<0.5	<0.5	**0.75**	<0.5	**9.2**	<0.5	**28**
MW-4	*09/04/04*	1,2	**1900**	<250	**4800**	**2.6**	**7.3**	**220**	**240**	<1.0	<1.0	**23**	<1.0	<10	<1.0	<1.0
	12/02/04	1,3	**1200**	<250	**3800**	<5.0	**10**	**180**	**170**	<1.0	<1.0	**21**	<1.0	<10	<1.0	<1.0
	03/14/05	1,3,4	**1600**	<250	**3800**	**6.1**	**7.2**	**130**	**110**	<1.0	<1.0	**20**	<0.5	**7.4**	<1.0	**0.55**
	06/10/05	1,2	**1800**	<250	**3400**	**8.5**	**11**	**150**	**130**	<0.5	<0.5	**28**	<0.5	<5.0	<0.5	**0.68**
	09/08/05	1,2,4	**1900**	<250	**4400**	**7.1**	**9.6**	**210**	**170**	<0.5	<0.5	**23**	<0.5	<5.0	<0.5	**0.73**
	12/19/05	1,2	**1400**	<250	**3300**	**5.5**	**7.2**	**140**	**120**	<0.5	<0.5	**22**	<0.5	<5.0	<0.5	**0.87**
Creek	*12/19/05*		<50	<250	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5
Creek Outfall	*12/19/05*		<50	<250	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5

LAB NOTES

1 = Gasoline range compounds are significant for diesel

2 = Unmodified or weakly modified gasoline is significant for gasoline

3 = Heavier gasoline range compounds are significant for gasoline (aged gasoline?)

4 = Diesel range compounds are significant for diesel

McCampbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
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Website: www.mccampbell.com E-mail: main@mccampbell.com

The McEdwards Group 1025 Hearst-Willits Road Willits, CA 95490-9743	Client Project ID: #1078.01.02; 7746 N. Hwy 1	Date Sampled: 11/21/05
		Date Received: 11/22/05
	Client Contact: Don McEdwards	Date Extracted: 11/22/05
	Client P.O.:	Date Analyzed: 11/22/05-11/23/05

Fuel FingerPrint *

Extraction method: SW3550C Analytical methods: SW8015C Work Order: 0511408

Lab ID	Client ID	Matrix	Fuel Fingerprint
0511408-001A	MW-2	P	This sample has a significant hydrocarbon pattern between C6 and C12 that resembles fresh gasoline. Chromatograms enclosed.
0511408-002A	Superunleaded	P	This sample has a significant hydrocarbon pattern between C6 and C12 that resembles fresh gasoline. Chromatograms enclosed.
0511408-003A	Unleaded Plus	P	This sample has a significant hydrocarbon pattern between C6 and C12 that resembles fresh gasoline. Chromatograms enclosed.

DHS Certification No. 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
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Website: www.mccampbell.com E-mail: main@mccampbell.com

QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Product QC Matrix: Soil WorkOrder: 0511408

EPA Method: SW8015C	Extraction: SW3550C				BatchID: 19119			Spiked Sample ID: 0511379-010A		
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
TPH(d)	2	20	102	102	0	103	107	3.74	70 - 130	70 - 130
%SS:	108	50	97	96	0.615	108	98	9.88	70 - 130	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 19119 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0511408-001A	11/21/05 11:30 AM	11/22/05	11/23/05 5:43 AM	0511408-002A	11/21/05 11:45 AM	11/22/05	11/22/05 2:28 PM
0511408-003A	11/21/05 11:55 AM	11/22/05	11/22/05 4:19 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS – MSD) / (MS + MSD) * 2.

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS Certification No. 1644

QA/QC Officer

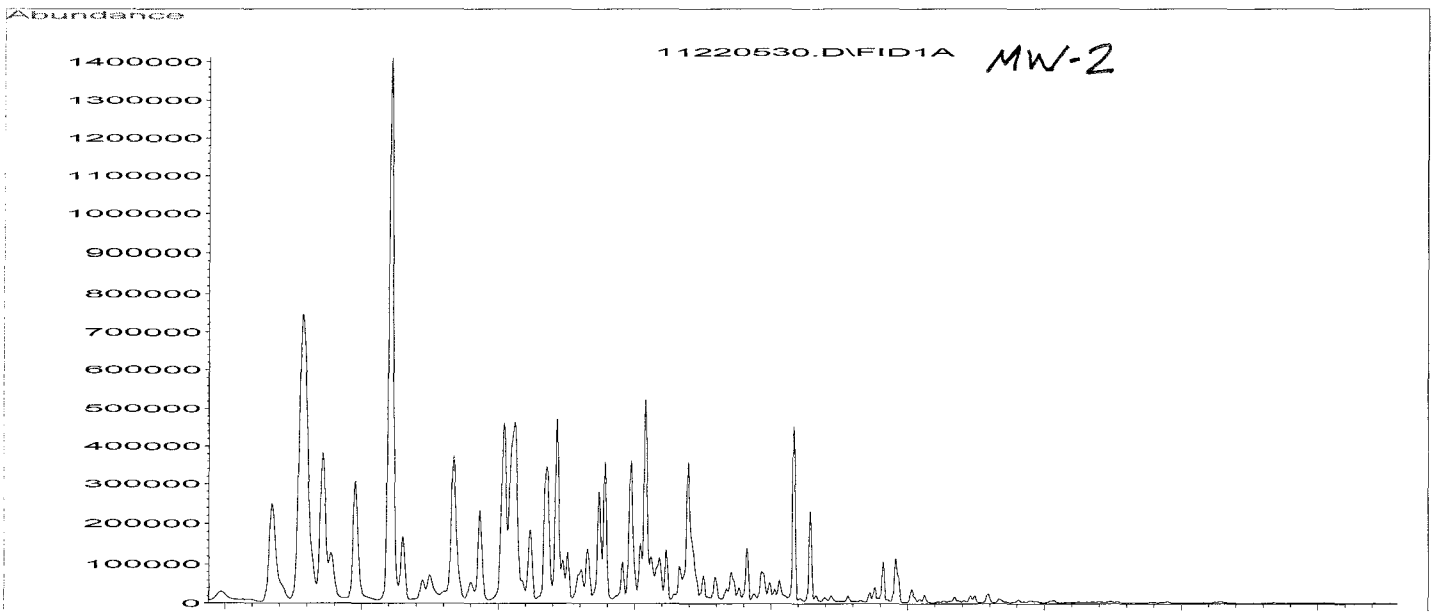
D:\HPCHEM\GC6\DATAA\11220530.D

Instrument Name	GC-6	DETECTOR A		
Data File Name	11220530.D	Sample Name	0511408-01A O RR	MW-2
Date Acquired	11/23/2005 5:43	Data File Path	D:\HPCHEM\GC6\DATAA\	
Acq. Method File	GC6ANEWM.M	Misc Info		
Vial Number	15	Sample Multiplier	1	

NOTE: THE MULTIPLIER IS THE DILUTION FACTOR ONLY, NOT WITH THE EXTRACTION FACTOR
NOTE: S1 & S2 % recoveries are based on dilution without SS
NOTE: TPH(d,bo) and TPH(mo) values are based on diesel & motor oil calibrations; TPH(bo) has TPH(mo) RL
NOTE: Ignore TPH(g) & TPH(k) values from Chem Station; after that they are based on the diesel RF & area

Name	Ret Time	CS (mg/Ls)	Area	Amount Using D & MO RFs only (mg/Ls)	Soil mg/kg)	Water (ug/L)
S1 (C9)	28.47	137.4	30577248	137.4	137%	137%
S2 (C26)	39.61	103.5	23282874	103.5	104%	104%
TPH(d)	C10-C23	205.7	179767980	205.7	102.9	5143
TPH(mo)	C18+	4.8	5153051	4.8	ND	ND
TPH(k)(K)	C10-C18	418.9	294849349	337.4	168.7	8435
TPH(g)	<C12	1943.5	341124202	390.3	195.2	9758
TPH(bo) (C10+)	C10+	237.3	222184419	237.3	118.6	5932

REPLOT (C10-C25)



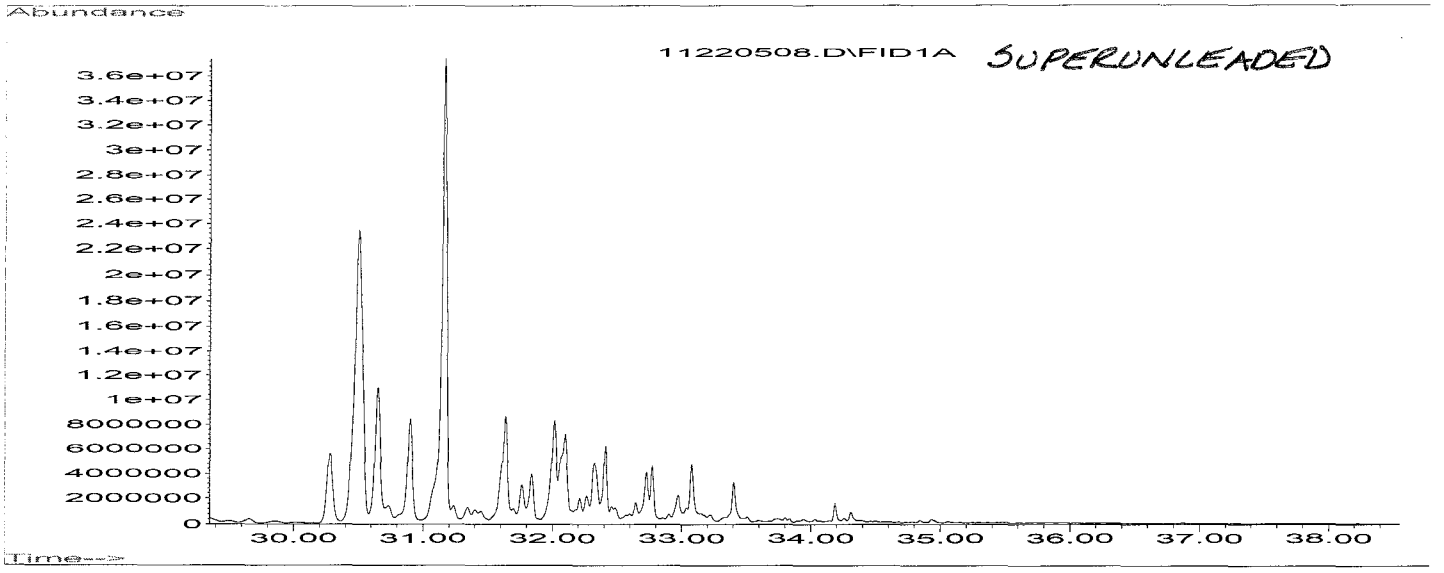
D:\HPCHEM\GC11\DATAA\11220508.D

Instrument Name	GC-11	DETECTOR A		
Data File Name	11220508.D	Sample Name	0511408-002A O	SUPERUNLEADED
Date Acquired	11/22/2005 2:28	Data File Path	D:\HPCHEM\GC11\DATAA\	
Acq. Method File	GC11AT1.M	Misc Info	TPH(FF)_P	
Vial Number	4	Sample Multiplier	1	

NOTE: THE MULTIPLIER IS THE DILUTION FACTOR ONLY, NOT WITH THE EXTRACTION FACTOR
NOTE: S1 & S2 % recoveries are based on dilution without SS
NOTE: TPH(d,bo) and TPH(mo) values are based on diesel & motor oil calibrations; TPH(bo) has TPH(mo) RL
NOTE: Ignore TPH(g) & TPH(k) values from Chem Station; after that they are based on the diesel RF & area

Name	Ret Time	CS (mg/Ls)	Area	Amount Using D & MO RFs only (mg/Ls)	Soil mg/kg)	Water (ug/L)
S1 (C9)	28.22	80.9	705261194	80.9	81%	81%
S2 (C26)	39.73	80.2	697559990	80.2	80%	80%
TPH(d)	C10-C23	82.1	2932173280	82.1	41.0	2052
TPH(mo)	C18+	2.8	86923126	2.8	ND	ND
TPH(k)(K)	C10-C18	199.2	5707620397	159.7	79.9	3994
TPH(g)	<C12	2505.5	9156217491	256.3	128.1	6407
TPH(bo) (C10+)	C10+	122.0	4430136016	122.0	61.0	3051

REPLOT (C10-C25)



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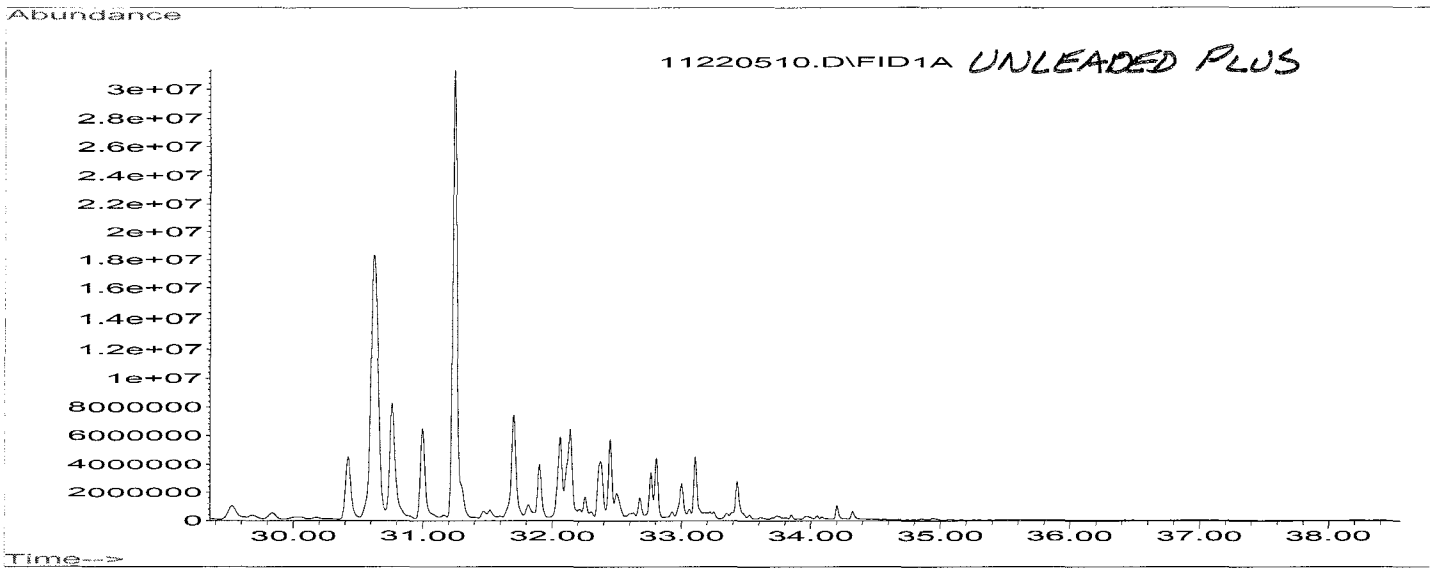
Instrument Name	GC-11	DETECTOR A	
Data File Name	11220510.D	Sample Name	0511408-003A O UNLEADED PLUS
Date Acquired	11/22/2005 4:19	Data File Path	D:\HPCHEM\GC11\DATAA\
Acq. Method File	GC11AT1.M	Misc Info	TPH(FF)_P
Vial Number	5	Sample Multiplier	1

NOTE: THE MULTIPLIER IS THE DILUTION FACTOR ONLY, NOT WITH THE EXTRACTION FACTOR
NOTE: S1 & S2 % recoveries are based on dilution without SS
NOTE: TPH(d,bo) and TPH(mo) values are based on diesel & motor oil calibrations; TPH(bo) has TPH(mo) RL
NOTE: Ignore TPH(g) & TPH(k) values from Chem Station; after that they are based on the diesel RF & area

Name	Ret Time	CS (mg/Ls)	Area	Amount Using D & MO RFs only (mg/Ls)	Soil mg/kg)	Water (ug/L)
S1 (C9)	28.51	80.2	699363811	80.2	80%	80%
S2 (C26)	39.73	81.9	711934778	81.9	82%	82%
TPH(d)	C10-C23	72.1	2576318946	72.1	36.1	1803
TPH(mo)	C18+	1.4	44506425	1.4	ND	ND
TPH(k)(K)	C10-C18	140.7	4065891893	113.8	56.9	2845
TPH(g)	<C12	1884.6	6886983238	192.8	96.4	4819
TPH(bo) (C10+)	C10+	93.8	3402634489	93.8	46.9	2344

REPLOT (C10-C25)



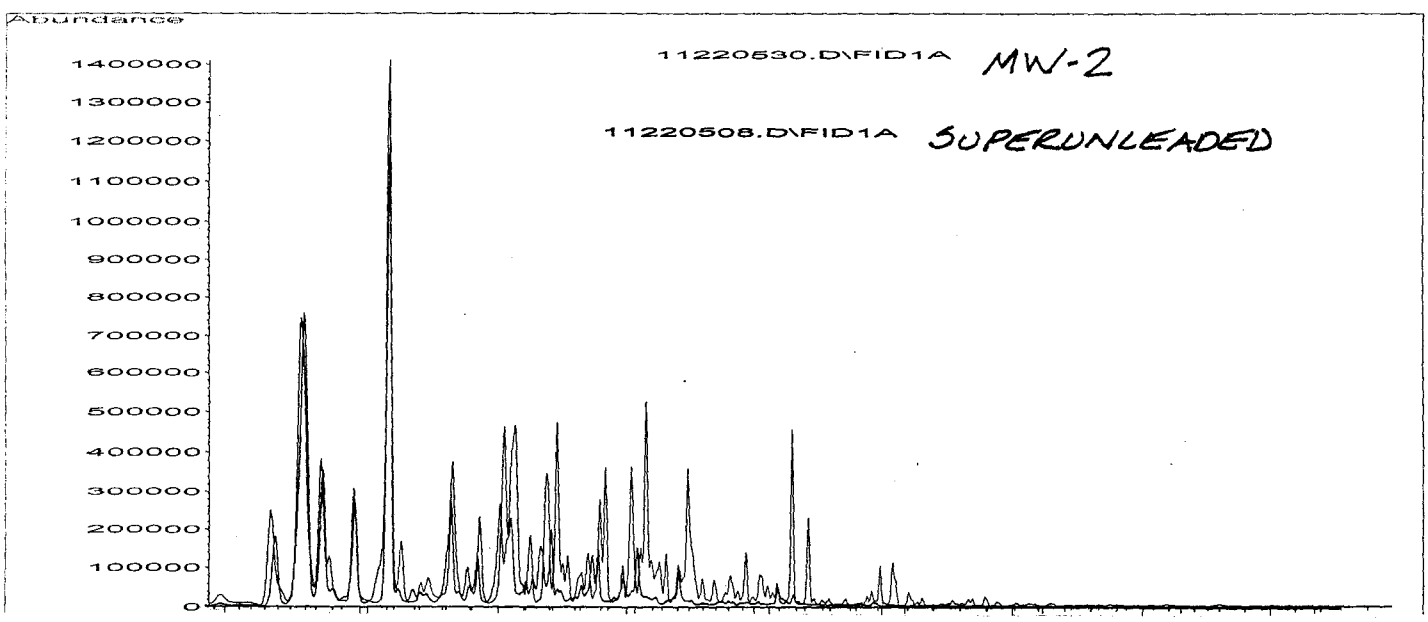
D:\HPCHEM\GC6\DATAA\11220530.D

Instrument Name	GC-6	DETECTOR A		
Data File Name	11220530.D	Sample Name	0511408-01A O RR	MW-2
Date Acquired	11/23/2005 5:43	Data File Path	D:\HPCHEM\GC6\DATAA\	
Acq. Method File	GC6ANEWM.M	Misc Info		
Vial Number	15	Sample Multiplier	1	

NOTE: THE MULTIPLIER IS THE DILUTION FACTOR ONLY, NOT WITH THE EXTRACTION FACTOR
NOTE: S1 & S2 % recoveries are based on dilution without SS
NOTE: TPH(d,bo) and TPH(mo) values are based on diesel & motor oil calibrations; TPH(bo) has TPH(mo) RL
NOTE: Ignore TPH(g) & TPH(k) values from Chem Station; after that they are based on the diesel RF & area

Name	Ret Time	CS (mg/Ls)	Area	Amount Using D & MO RFs only (mg/Ls)	Soil mg/kg)	Water (ug/L)
S1 (C9)	28.47	137.4	30577248	137.4	137%	137%
S2 (C26)	39.61	103.5	23282874	103.5	104%	104%
TPH(d)	C10-C23	205.7	179767980	205.7	102.9	5143
TPH(mo)	C18+	4.8	5153051	4.8	ND	ND
TPH(k)(K)	C10-C18	418.9	294849349	337.4	168.7	8435
TPH(g)	<C12	1943.5	341124202	390.3	195.2	9758
TPH(bo) (C10+)	C10+	237.3	222184419	237.3	118.6	5932

REPLOT (C10-C25)



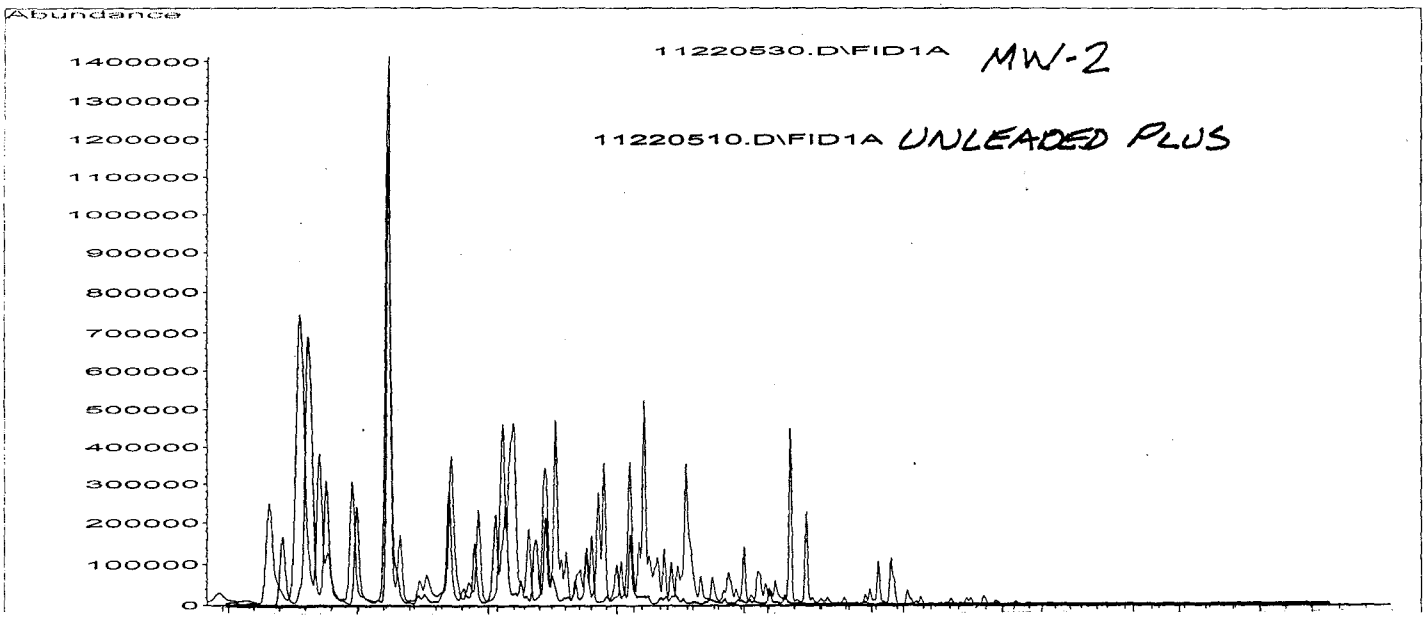
D:\HPCHEM\GC6\DATAA\11220530.D

Instrument Name	GC-6	DETECTOR A	
Data File Name	11220530.D	Sample Name	0511408-01A O RR MW-2
Date Acquired	11/23/2005 5:43	Data File Path	D:\HPCHEM\GC6\DATAA\
Acq. Method File	GC6ANEWM.M	Misc Info	
Vial Number	15	Sample Multiplier	1

NOTE: THE MULTIPLIER IS THE DILUTION FACTOR ONLY, NOT WITH THE EXTRACTION FACTOR
NOTE: S1 & S2 % recoveries are based on dilution without SS
NOTE: TPH(d,bo) and TPH(mo) values are based on diesel & motor oil calibrations; TPH(bo) has TPH(mo) RL
NOTE: Ignore TPH(g) & TPH(k) values from Chem Station; after that they are based on the diesel RF & area

Name	Ret Time	CS (mg/Ls)	Area	Amount Using D & MO RFs only (mg/Ls)	Soil mg/kg)	Water (ug/L)
S1 (C9)	28.47	137.4	30577248	137.4	137%	137%
S2 (C26)	39.61	103.5	23282874	103.5	104%	104%
TPH(d)	C10-C23	205.7	179767980	205.7	102.9	5143
TPH(mo)	C18+	4.8	5153051	4.8	ND	ND
TPH(k)(K)	C10-C18	418.9	294849349	337.4	168.7	8435
TPH(g)	<C12	1943.5	341124202	390.3	195.2	9758
TPH(bo) (C10+)	C10+	237.3	222184419	237.3	118.6	5932

REPLOT (C10-C25)



McCampbell Analytical, Inc.
110 Second Avenue South, #D7
Pacheco, CA 94553-5560
(925) 798-1620

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0511408 **ClientID: TMG** **EDF: NO**

Report to:
Don McEdwards
The McEdwards Group
1025 Hearst-Willits Road
Willits, CA 95490-9743
TEL: (707) 459-1086
FAX: (707) 459-1084
ProjectNo: #1078.01.02; 7746 N. Hwy 1
PO:

Bill to:
Don McEdwards
The McEdwards Group
1025 Heasrt-Willits Road
Willits, CA 95490-9743

Requested TAT: 5 days
Date Received: **11/22/2005**
Date Printed: **11/22/2005**

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below) 1	2	3	4	5	6	7	8	9	10	11	12
0511408-001	MW-2	Product	11/21/05 11:30:00	☐	A											
0511408-002	Superunleaded	Product	11/21/05 11:45:00	☐	A											
0511408-003	Unleaded Plus	Product	11/21/05 11:55:00	☐	A											

Test Legend:

1	G-MBTEX_Product	2		3		4		5	
6		7		8		9		10	
11		12							

Prepared by: Maria Venegas

Comments:

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

0511408

McCAMPBELL ANALYTICAL INC.

110 2nd AVENUE SOUTH, #D7
PACHECO, CA 94553-5560
Telephone: (925) 798-1620 Fax: (925) 798-1622

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☑ 5 DAY

EDF Required? Coelt (Normal) No Write On (DW) No

Report To: Don McEdwards Bill To: SAME

Company: The McEdwards Group

1025 Hearst-Willits Road

Willits, CA 95490-9743 E-Mail: TMCGW@STATWAVE.NET

Tele: (707) 459-1086 Fax: (707) 459-1084

Project #: 1078.01.02 Project Name: 7746 N. HWY 1

Project Location: LITTLE RIVER

Sampler Signature: Don McEdwards

NO

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED Ice	METHOD PRESERVED HCl	METHOD PRESERVED HNO_3	METHOD PRESERVED Other	BTEX & TPH as Gas (602/8020 + 8015)/MTBE	TPH as Diesel (8015)	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 601 / 8010	BTEX ONLY (EPA 602 / 8020)	EPA 608 / 8080	EPA 608 / 8080 PCB's ONLY	EPA 624 / 8240 / 8260	EPA 625 / 8270	PAH's / PNA's by EPA 625 / 8270 / 8310	CAM-17 Metals	LUFT 5 Metals	Lead (7240/7421/239.2/6010)	RCI	Other	Comments
MW-2		11/21/05	1130	1	VOA					✓																				5 OXY'S ONLY	DO FUEL FINGERPRINT TO COMPARE MW-2 TO OTHER TWO SAMPLES
SUPERUNLEADED		11/21/05	1145	1	VOA					PURE GASOLINE																					
UNLEADED PLUS		11/21/05	1155	1	VOA					PURE GASOLINE																					

Relinquished By:	Date:	Time:	Received By:
Don McEdwards	11/21/05	1315	
Relinquished By:	Date: 11/22/05	Time: 8am	Received By:
Relinquished By:	Date:	Time:	Received By:

	VOAS	O&G	METALS	OTHER
ICE/t° ✓				
GOOD CONDITION ✓				
HEAD SPACE ABSENT				
DECHLORINATED IN LAB				
PRESERVATION APPROPRIATE ✓				
CONTAINERS				
PERSERVED IN LAB				

REC'D SEALED & INTACT VIA C/O

McCampbell Analytical, Inc.

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Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mccampbell.com E-mail: main@mccampbell.com

The McEdwards Group	Client Project ID: #1078.01.02; 7746 North Highway One	Date Sampled: 12/19/05
1025 Hearst-Willits Road		Date Received: 12/21/05
Willits, CA 95490-9743	Client Contact: Don McEdwards	Date Extracted: 12/21/05
	Client P.O.:	Date Analyzed: 12/21/05-12/22/05

Diesel (C10-23) and Oil (C18+) Range Extractable Hydrocarbons as Diesel and Motor Oil*

Extraction method: SW3510C Analytical methods: SW8015C Work Order: 0512358

Lab ID	Client ID	Matrix	TPH(d)	TPH(mo)	DF	% SS
0512358-001B	MW-1	W	57,d	ND	1	102
0512358-002B	MW-2	W	5400,d	ND	1	112
0512358-003B	MW-3	W	110,d	ND	1	98
0512358-004B	MW-4	W	1400,d	ND	1	103
0512358-005B	CREEK	W	ND	ND	1	107
0512358-006B	CREEK OUTFALL	W	ND	ND	1	104

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	250		µg/L
	S	NA	NA		mg/Kg

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel; f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; k) kerosene/kerosene range; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirits; p) see Case Narrative.

DHS Certification No. 1644

Angela Rydelius, Lab Manager

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Website: www.mccampbell.com E-mail: main@mccampbell.com

The McEdwards Group 1025 Hearst-Willits Road Willits, CA 95490-9743	Client Project ID: #1078.01.02; 7746 North Highway One	Date Sampled: 12/19/05
		Date Received: 12/21/05
	Client Contact: Don McEdwards	Date Extracted: 12/21/05-12/22/05
	Client P.O.:	Date Analyzed: 12/21/05-12/22/05

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method: SW5030B Analytical methods: SW8021B/8015Cm Work Order: 0512358

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	MW-1	W	330,a	---	88	9.4	7.5	10	1	108
002A	MW-2	W	37,000,a	---	1200	1500	1500	4300	10	118
003A	MW-3	W	420,a	---	5.6	2.0	16	3.0	1	113
004A	MW-4	W	3300,a	---	5.5	7.2	140	120	1	104
005A	CREEK	W	ND	---	ND	ND	ND	ND	1	97
006A	CREEK OUTFALL	W	ND	---	ND	ND	ND	ND	1	96
Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5.0	0.5	0.5	0.5	0.5	1	µg/L
	S	NA	NA	NA	NA	NA	NA	1	mg/Kg

* water and vapor samples and all TCLP & SPLP extracts are reported in ug/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern; n) TPH(g) range non-target isolated peaks subtracted out of the TPH(g) concentration at the client's request.

DHS Certification No. 1644

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Website: www.mccampbell.com E-mail: main@mccampbell.com

The McEdwards Group 1025 Hearst-Willits Road Willits, CA 95490-9743	Client Project ID: #1078.01.02; 7746 North Highway One	Date Sampled: 12/19/05
		Date Received: 12/21/05
	Client Contact: Don McEdwards	Date Extracted: 12/22/05
	Client P.O.:	Date Analyzed: 12/22/05

Oxygenated Volatile Organics + EDB and 1,2-DCA by P&T and GC/MS*

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 0512358

Lab ID	0512358-001C	0512358-002C	0512358-003C	0512358-004C	Reporting Limit for DF =1	
Client ID	MW-1	MW-2	MW-3	MW-4		
Matrix	W	W	W	W		
DF	1	10	1	1	S	W
Compound	**Concentration**				ug/kg	µg/L
tert-Amyl methyl ether (TAME)	ND	ND<5.0	ND	ND	NA	0.5
t-Butyl alcohol (TBA)	10	70	9.2	ND	NA	5.0
1,2-Dibromoethane (EDB)	ND	ND<5.0	ND	ND	NA	0.5
1,2-Dichloroethane (1,2-DCA)	4.2	33	28	0.87	NA	0.5
Diisopropyl ether (DIPE)	ND	ND<5.0	ND	ND	NA	0.5
Ethyl tert-butyl ether (ETBE)	ND	ND<5.0	ND	ND	NA	0.5
Methyl-t-butyl ether (MTBE)	5.5	ND<5.0	0.75	22	NA	0.5
Surrogate Recoveries (%)						
%SS1:	105	109	106	108		
Comments						

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

DHS Certification No. 1644

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The McEdwards Group 1025 Hearst-Willits Road Willits, CA 95490-9743	Client Project ID: #1078.01.02; 7746 North Highway One	Date Sampled: 12/19/05
		Date Received: 12/21/05
	Client Contact: Don McEdwards	Date Extracted: 12/22/05
	Client P.O.:	Date Analyzed: 12/22/05

Oxygenated Volatile Organics + EDB and 1,2-DCA by P&T and GC/MS*

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 0512358

			Reporting Limit for DF =1	
Lab ID	0512358-005C	0512358-006C		
Client ID	CREEK	CREEK OUTFALL		
Matrix	W	W		
DF	1	1	S	W
Compound	**Concentration**		ug/kg	µg/L
tert-Amyl methyl ether (TAME)	ND	ND	NA	0.5
t-Butyl alcohol (TBA)	ND	ND	NA	5.0
1,2-Dibromoethane (EDB)	ND	ND	NA	0.5
1,2-Dichloroethane (1,2-DCA)	ND	ND	NA	0.5
Diisopropyl ether (DIPE)	ND	ND	NA	0.5
Ethyl tert-butyl ether (ETBE)	ND	ND	NA	0.5
Methyl-t-butyl ether (MTBE)	ND	ND	NA	0.5
Surrogate Recoveries (%)				
%SS1:	105	105		
Comments				

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

DHS Certification No. 1644

Angela Rydelius, Lab Manager

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QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder: 0512358

EPA Method: SW8021B/8015Cm Extraction: SW5030B BatchID: 19554 Spiked Sample ID: 0512359-001A

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
TPH(btex)£	ND	60	99.6	101	1.22	98.7	100	1.67	70 - 130	70 - 130
MTBE	ND	10	104	98.2	5.68	103	100	2.11	70 - 130	70 - 130
Benzene	ND	10	91	88.6	2.75	90.7	88.8	2.14	70 - 130	70 - 130
Toluene	ND	10	90.1	87.5	2.92	89.3	87.1	2.42	70 - 130	70 - 130
Ethylbenzene	ND	10	92.5	90.1	2.61	90.8	91.9	1.19	70 - 130	70 - 130
Xylenes	ND	30	94.7	90.7	4.32	90.7	94.7	4.32	70 - 130	70 - 130
%SS:	93	10	97	96	0.237	97	96	1.10	70 - 130	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 19554 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0512358-001A	12/19/05 3:00 PM	12/21/05	12/21/05 11:24 PM	0512358-002A	12/19/05 4:30 PM	12/22/05	12/22/05 12:24 AM
0512358-003A	12/19/05 4:00 PM	12/22/05	12/22/05 12:54 AM	0512358-004A	12/19/05 3:30 PM	12/22/05	12/22/05 1:24 AM
0512358-005A	12/19/05 2:00 PM	12/21/05	12/21/05 7:26 PM	0512358-006A	12/19/05 2:30 PM	12/21/05	12/21/05 8:00 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not applicable or not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS Certification No. 1644

QA/QC Officer

McCampbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mccampbell.com E-mail: main@mccampbell.com

QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder: 0512358

EPA Method: SW8015C **Extraction: SW3510C** **BatchID: 19553** **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
TPH(d)	N/A	1000	N/A	N/A	N/A	104	105	0.860	N/A	70 - 130
%SS:	N/A	2500	N/A	N/A	N/A	116	117	0.997	N/A	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 19553 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0512358-001B	12/19/05 3:00 PM	12/21/05	12/22/05 10:47 PM	0512358-002B	12/19/05 4:30 PM	12/21/05	12/21/05 5:30 PM
0512358-003B	12/19/05 4:00 PM	12/21/05	12/21/05 6:46 PM	0512358-004B	12/19/05 3:30 PM	12/21/05	12/21/05 11:29 PM
0512358-005B	12/19/05 2:00 PM	12/21/05	12/22/05 12:39 AM	0512358-006B	12/19/05 2:30 PM	12/21/05	12/22/05 1:49 AM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS Certification No. 1644

QA/QC Officer

McCampbell Analytical, Inc.

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QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder: 0512358

EPA Method: SW8260B	Extraction: SW5030B	BatchID: 19555	Spiked Sample ID: 0512358-005C

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
tert-Amyl methyl ether (TAME)	ND	10	105	104	0.733	106	110	3.62	70 - 130	70 - 130
t-Butyl alcohol (TBA)	ND	50	85.7	88.6	3.35	81.2	93.5	14.1	70 - 130	70 - 130
1,2-Dibromoethane (EDB)	ND	10	114	114	0	110	113	3.35	70 - 130	70 - 130
1,2-Dichloroethane (1,2-DCA)	ND	10	106	107	0.226	105	111	5.45	70 - 130	70 - 130
Diisopropyl ether (DIPE)	ND	10	94.7	93.4	1.36	98.4	101	2.84	70 - 130	70 - 130
Ethyl tert-butyl ether (ETBE)	ND	10	89.5	90.9	1.57	93.1	96.2	3.29	70 - 130	70 - 130
Methyl-t-butyl ether (MTBE)	ND	10	95.9	94.8	1.09	96.1	102	5.91	70 - 130	70 - 130
%SS1:	105	10	95	95	0	100	101	0.802	70 - 130	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 19555 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0512358-001C	12/19/05 3:00 PM	12/22/05	12/22/05 3:19 AM	0512358-002C	12/19/05 4:30 PM	12/22/05	12/22/05 4:12 AM
0512358-003C	12/19/05 4:00 PM	12/22/05	12/22/05 5:03 AM	0512358-004C	12/19/05 3:30 PM	12/22/05	12/22/05 5:56 AM
0512358-005C	12/19/05 2:00 PM	12/22/05	12/22/05 6:48 AM	0512358-006C	12/19/05 2:30 PM	12/22/05	12/22/05 7:40 AM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

DHS Certification No. 1644

QA/QC Officer

McCampbell Analytical, Inc.
110 Second Avenue South, #D7
Pacheco, CA 94553-5560
(925) 798-1620

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0512358 **ClientID: TMG** **EDF: YES**

Report to:
Don McEdwards
The McEdwards Group
1025 Hearst-Willits Road
Willits, CA 95490-9743
TEL: (707) 459-1086
FAX: (707) 459-1084
ProjectNo: #1078.01.02; 7746 North Highway One
PO:

Bill to:
Don McEdwards
The McEdwards Group
1025 Heasrt-Willits Road
Willits, CA 95490-9743

Requested TAT: 5 days
Date Received: 12/21/2005
Date Printed: 12/21/2005

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0512358-001	MW-1	Water	12/19/05 3:00:00	☐	C	A	A	B								
0512358-002	MW-2	Water	12/19/05 4:30:00	☐	C	A		B								
0512358-003	MW-3	Water	12/19/05 4:00:00	☐	C	A		B								
0512358-004	MW-4	Water	12/19/05 3:30:00	☐	C	A		B								
0512358-005	CREEK	Water	12/19/05 2:00:00	☐	C	A		B								
0512358-006	CREEK OUTFALL	Water	12/19/05 2:30:00	☐	C	A		B								

Test Legend:

1	5-OXYS+PBSCV_W	2	G-MBTEX_W	3	PREDF REPORT	4	TPH(DMO)_W	5	
6		7		8		9		10	
11		12							

Prepared by: Maria Venegas

Comments:

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

0512358

McCAMPBELL ANALYTICAL, INC.
110 2nd AVENUE SOUTH, #D7
PACHECO, CA 94553-5560
Telephone: 925/798-1620 Facsimile: 925/798-1622

CHAIN-OF-CUSTODY RECORD

TURN AROUND TIME: ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAYS

EDF? ☐ NO ☒ YES E-Mail: tmg@instawave.net

Report to: Donald G. McEdwards Bill to: Same
The McEdwards Group
1025 Hearst-Willits Road
Willits, CA 95490 E-Mail: tmg@instawave.net
707/459-1086 Fax: 707/459-1084

Project Number: 1078.01.02 Project Name: 7746 North Highway One

Project Location: Little River

Sampler Signature: Donald G. McEdwards

	Sample ID	Date	Time	Container No	Container Type	Water	Soil	Air	Other	Ice	HCl	HNO3	Other	BTEX & TPH as Gas (602/8020+8015)	TPH as Diesel (8015)	TPH as Motor Oil (8260)	Five Oxygenates (8260)	EDB and 1,2, DCA (8260)	Volative Organics by 8260	TPH as Stoddard Solvent (8015)	Comments
#	MW-1	12/19/05	1500	4	VOA	x				x	x			x			x	x			
	"	"	"	1	Liter	x				x	x				x	x					
+	MW-2	12/19/05	1680	4	VOA	x				x	x			x			x	x			
	"	"	"	1	Liter	x				x	x				x	x					
+	MW-3	12/19/05	1600	4	VOA	x				x	x			x			x	x			
	"	"	"	1	Liter	x				x	x				x	x					
+	MW-4	12/19/05	1530	4	VOA	x				x	x			x			x	x			
	"	"	"	1	Liter	x				x	x				x	x					
+	CREEK	12/19/05	1400	4	VOA	x				x	x			x			x	x			
	"	"	"	1	Liter	x				x	x				x	x					
+	CREEK OUTFALL	12/19/05	1480	3	VOA	x				x	x			x			x	x			
	"	"	"	1	Liter	x				x	x				x	x					

Relinquished by: Donald G. McEdwards Date 12/20/05 Time 0800
Received by:

Relinquished by: Date 12/21/05 Time 8am
Received by: Maree Wu

Relinquished by: Date Time
Received by:

ICW/T ✓
GOOD CONDITION ✓
HEAD SPACE ABSENT ✓
DECHLORINATED IN LAB
PRESERVATION VOAS ✓ O & G METALS OTHER
APPROPRIATE CONTAINERS ✓
PRESERVED IN LAB

REC'D SEALED & INTACT VIA C/O

Well Purging and Sampling Record

The McEdwards Group, 1025 Hearst-Willits Road, Willits, CA 95490
Tel: 707/459-1086 Fax: 707/459-1084
Field work done by Donald G. McEdwards

Site Name 7746 N. HWY 1 Project No 1078.0602 Date 12/19/05

Five casing volumes (5CV) = water column (WC) in ft * 0.816 (5/6) gal/ft for 2" well [3.26 (10/3) gal/ft for 4" well]

NO. F.D.

MW 1 Depth[a] 25 WL[b] 8.26 WC[a-b] [illegible] 5CV 13.65

Gal	pH	Cond	ORP	D O	Temp
3	[illegible]	557?	-67	0.27	[illegible]
6	[illegible]	571	-63	0.16	16.7?
9	6.7?	572	-65	[illegible]	17.0
12	6.7?	565	-69	0.56	17.1?
15	[illegible]	5??	-68	.65	[illegible]

Purged Gallons: 15 Time Sampled 1530

MW 2 Depth[a] 25 WL[b] 12.79 WC[a-b] 12.21 5CV 9.96

Gal	pH	Cond	ORP	D O	Temp
2	6.60	469?	51	3.3?	
4	[illegible]	491	75	5.64	15.2
6	6.32	50?	13	2.72	15.7
8		[illegible]		1.67	15.7
10	6.39	[illegible]	[illegible]	[illegible]	[illegible]
12	[illegible]	[illegible]	[illegible]	2.39	15.7
14	6.75	413	-4	.32	15.7

Purged Gallons: 14 Time Sampled 1620

MW 3 Depth[a] [illegible] WL[b] [illegible] WC[a-b] [illegible] 5CV [illegible]

Gal	pH	Cond	ORP	D O	Temp
2	[illegible]	613?	-55	0.65?	16.5?
4	[illegible]	579	-35?	0.40	16.4?
6	6.73	600	-32?	0.58	16.2
8	7.0?	618?	-37?	0.44	[illegible]
		DRY @ 8			

Purged Gallons: 8 Time Sampled 1600

MW 4 Depth[a] 25 WL[b] 7.64 WC[a-b] ____ 5CV ____

Gal	pH	Cond	ORP	D O	Temp
3	[illegible]	421?	-56	0.52	16.2?
6	[illegible]	468	-34	0.??	16.3?
9	7.02?	[illegible]	-10?	0.81	17.5?
12	DRY @ 10				
15					

Purged Gallons: 10 Time Sampled 1500 MW-1

MW __ Depth[a] ____ WL[b] _____ WC[a-b] _____ 5CV _____

Gal	pH	Cond	ORP	D O	Temp
CREEK OUTFALL		1400			

Purged Gallons: _____ Time Sampled _____

MW __ Depth[a] ____ WL[b] _____ WC[a-b] _____ 5CV _____

Gal	pH	Cond	ORP	D O	Temp
	CREEK		1424?		

Purged Gallons: _____ Time Sampled _____

MW __ Depth[a] ____ WL[b] _____ WC[a-b] _____ 5CV _____

Gal	pH	Cond	ORP	D O	Temp

Purged Gallons: _____ Time Sampled _____

MW __ Depth[a] ____ WL[b] _____ WC[a-b] _____ 5CV _____

Gal	pH	Cond	ORP	D O	Temp

Purged Gallons: _____ Time Sampled _____